

Joel P Schneider

List of Publications by Year in descending order

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140
papers

12,636
citations

23879

60
h-index

26792

111
g-index

146
all docs

146
docs citations

146
times ranked

12949
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide hydrogels for affinity-controlled release of therapeutic cargo: Current and potential strategies. <i>Journal of Peptide Science</i> , 2022, 28, e3377.	0.8	16
2	Structure-based non-nucleoside inhibitor design: Developing inhibitors that are effective against resistant mutants. <i>Chemical Biology and Drug Design</i> , 2021, 97, 4-17.	1.5	8
3	Serum Protein Adsorption Modulates the Toxicity of Highly Positively Charged Hydrogel Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8006-8014.	4.0	16
4	Dopamine Self-Polymerization as a Simple and Powerful Tool to Modulate the Viscoelastic Mechanical Properties of Peptide-Based Gels. <i>Molecules</i> , 2021, 26, 1363.	1.7	15
5	Defining the Landscape of the Pauling-Corey Rippled Sheet: An Orphaned Motif Finding New Homes. <i>Accounts of Chemical Research</i> , 2021, 54, 2488-2501.	7.6	21
6	Antibacterial Gel Coatings Inspired by the Cryptic Function of a Mussel Byssal Peptide. <i>Advanced Materials</i> , 2021, 33, e2103677.	11.1	46
7	Surface-fill hydrogel attenuates the oncogenic signature of complex anatomical surface cancer in a single application. <i>Nature Nanotechnology</i> , 2021, 16, 1251-1259.	15.6	41
8	From structure to application: Progress and opportunities in peptide materials development. <i>Current Opinion in Chemical Biology</i> , 2021, 64, 131-144.	2.8	18
9	INSTIs and NNRTIs Potently Inhibit HIV-1 Polypurine Tract Mutants in a Single Round Infection Assay. <i>Viruses</i> , 2021, 13, 2501.	1.5	8
10	The effect of turn residues on the folding and cell-penetrating activity of β -hairpin peptides and applications toward protein delivery. <i>Peptide Science</i> , 2020, 112, e24125.	1.0	4
11	New anti-IL-7R β monoclonal antibodies show efficacy against T cell acute lymphoblastic leukemia in pre-clinical models. <i>Leukemia</i> , 2020, 34, 35-49.	3.3	26
12	Botryllamide G is an ABCG2 inhibitor that improves lapatinib delivery in mouse brain. <i>Cancer Biology and Therapy</i> , 2020, 21, 223-230.	1.5	10
13	Uncoupling the Folding-Function Paradigm of Lytic Peptides to Deliver Impermeable Inhibitors of Intracellular Protein-Protein Interactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 19950-19955.	6.6	14
14	Engineering and characterization of pH-sensitive homodimeric antiparallel coiled coil. <i>Peptide Science</i> , 2020, 112, e24180.	1.0	1
15	Multiphase Assembly of Small Molecule Microcrystalline Peptide Hydrogel Allows Immunomodulatory Combination Therapy for Long-Term Heart Transplant Survival. <i>Small</i> , 2020, 16, e2002791.	5.2	15
16	National Cancer Institute (NCI) Program for Natural Products Discovery: Rapid Isolation and Identification of Biologically Active Natural Products from the NCI Prefractionated Library. <i>ACS Chemical Biology</i> , 2020, 15, 1104-1114.	1.6	38
17	Utilizing Fr β 's Salt to Increase the Mechanical Rigidity of Supramolecular Peptide-Based Gel Networks. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 594258.	2.0	9
18	De novo Design of Selective Membrane-Active Peptides by Enzymatic Control of Their Conformational Bias on the Cell Surface. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13706-13710.	7.2	33

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19	De novo Design of Selective Membrane-Active Peptides by Enzymatic Control of Their Conformational Bias on the Cell Surface. <i>Angewandte Chemie</i> , 2019, 131, 13844-13848.	1.6	6
20	Electrostatically Driven Guanidinium Interaction Domains that Control Hydrogel-Mediated Protein Delivery In Vivo. <i>ACS Central Science</i> , 2019, 5, 1750-1759.	5.3	25
21	Using Electron Microscopy to Enhance the Knowledge of Biological Systems. <i>Microscopy and Microanalysis</i> , 2019, 25, 1164-1165.	0.2	0
22	Innentitelbild: De novo Design of Selective Membrane-Active Peptides by Enzymatic Control of Their Conformational Bias on the Cell Surface (<i>Angew. Chem.</i> 39/2019). <i>Angewandte Chemie</i> , 2019, 131, 13734-13734.	1.6	0
23	Design of a Peptide-Based Electronegative Hydrogel for the Direct Encapsulation, 3D Culturing, in Vivo Syringe-Based Delivery, and Long-Term Tissue Engraftment of Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34688-34697.	4.0	44
24	Identification of a mechanogenetic link between substrate stiffness and chemotherapeutic response in breast cancer. <i>Biomaterials</i> , 2019, 202, 1-11.	5.7	50
25	Dynamic protein folding at the surface of stimuli-responsive peptide fibrils. <i>Protein Science</i> , 2018, 27, 1243-1251.	3.1	6
26	Macromolecule-Network Electrostatics Controlling Delivery of the Biotherapeutic Cell Modulator TIMP-2. <i>Biomacromolecules</i> , 2018, 19, 1285-1293.	2.6	9
27	Enhanced Uptake of Luminescent Quantum Dots by Live Cells Mediated by a Membrane-Active Peptide. <i>ACS Omega</i> , 2018, 3, 17164-17172.	1.6	12
28	Design of a Multicompartment Hydrogel that Facilitates Time-Resolved Delivery of Combination Therapy and Synergized Killing of Glioblastoma. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15040-15044.	7.2	87
29	Design of a Multicompartment Hydrogel that Facilitates Time-Resolved Delivery of Combination Therapy and Synergized Killing of Glioblastoma. <i>Angewandte Chemie</i> , 2018, 130, 15260-15264.	1.6	17
30	Intracellular Delivery of Gold Nanocolloids Promoted by a Chemically Conjugated Anticancer Peptide. <i>ACS Omega</i> , 2018, 3, 12754-12762.	1.6	22
31	NCI Program for Natural Product Discovery: A Publicly-Accessible Library of Natural Product Fractions for High-Throughput Screening. <i>ACS Chemical Biology</i> , 2018, 13, 2484-2497.	1.6	89
32	Enzymatic Control of the Conformational Landscape of Self-Assembling Peptides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11188-11192.	7.2	61
33	Enzymatic Control of the Conformational Landscape of Self-Assembling Peptides. <i>Angewandte Chemie</i> , 2018, 130, 11358-11362.	1.6	19
34	Reactive astrocytic S1P3 signaling modulates the blood-tumor barrier in brain metastases. <i>Nature Communications</i> , 2018, 9, 2705.	5.8	91
35	Development of Inert, Injectable Sustained Release Formulation for Recombinant Human TIMP-2 in peptide hydrogels. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
36	Glycan Alteration Imparts Cellular Resistance to a Membrane-Lytic Anticancer Peptide. <i>Cell Chemical Biology</i> , 2017, 24, 149-158.	2.5	24

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37	Peptide mediated intracellular delivery of semiconductor quantum dots. , 2017, , .		0
38	Molecular, Local, and Network-Level Basis for the Enhanced Stiffness of Hydrogel Networks Formed from Coassembled Racemic Peptides: Predictions from Pauling and Corey. ACS Central Science, 2017, 3, 586-597.	5.3	107
39	Fluorous Phaseâ€Directed Peptide Assembly Affords Nanoâ€Peptisomes Capable of Ultrasoundâ€Triggered Cellular Delivery. Angewandte Chemie, 2017, 129, 11562-11566.	1.6	6
40	Triggered Formation of Anionic Hydrogels from Self-Assembling Acidic Peptide Amphiphiles. Macromolecules, 2017, 50, 5643-5651.	2.2	17
41	Fluorous Phaseâ€Directed Peptide Assembly Affords Nanoâ€Peptisomes Capable of Ultrasoundâ€Triggered Cellular Delivery. Angewandte Chemie - International Edition, 2017, 56, 11404-11408.	7.2	34
42	Fragmentation of Injectable Bioadhesive Hydrogels Affords Chemotherapeutic Macromolecules. Biomacromolecules, 2016, 17, 2634-2641.	2.6	27
43	An Intrinsically Disordered Peptide Facilitates Nonâ€Endosomal Cell Entry. Angewandte Chemie - International Edition, 2016, 55, 3369-3372.	7.2	57
44	Rilpivirine and Doravirine Have Complementary Efficacies Against NNRTI-Resistant HIV-1 Mutants. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 72, 485-491.	0.9	42
45	Pulsed electronâ€electron double resonance, peptaibols and chlorotoxin in review. Biopolymers, 2016, 106, 5-5.	1.2	0
46	An Intrinsically Disordered Peptide Facilitates Nonâ€Endosomal Cell Entry. Angewandte Chemie, 2016, 128, 3430-3433.	1.6	8
47	Sustained release of active chemotherapeutics from injectable-solid Î²-hairpin peptide hydrogel. Biomaterials Science, 2016, 4, 839-848.	2.6	61
48	Protein release from highly charged peptide hydrogel networks. Journal of Materials Chemistry B, 2016, 4, 1999-2007.	2.9	41
49	A multiphase transitioning peptide hydrogel for suturing ultrasmall vessels. Nature Nanotechnology, 2016, 11, 95-102.	15.6	140
50	Alkyl Amine Bevirimat Derivatives Are Potent and Broadly Active HIV-1 Maturation Inhibitors. Antimicrobial Agents and Chemotherapy, 2016, 60, 190-197.	1.4	44
51	Blocking downstream signaling pathways in the context of HDAC inhibition promotes apoptosis preferentially in cells harboring mutant Ras. Oncotarget, 2016, 7, 69804-69815.	0.8	14
52	Call for submissions. Biopolymers, 2015, 104, v-v.	1.2	0
53	Influence of Hydrophobic Face Amino Acids on the Hydrogelation of Î²-Hairpin Peptide Amphiphiles. Macromolecules, 2015, 48, 1281-1288.	2.2	42
54	Molecular structure of monomorphic peptide fibrils within a kinetically trapped hydrogel network. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9816-9821.	3.3	117

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55	Cancer cell surface induced peptide folding allows intracellular translocation of drug. <i>Journal of Controlled Release</i> , 2015, 209, 317-326.	4.8	29
56	Enhanced immunostimulatory effects of DNA-encapsulated peptide hydrogels. <i>Biomaterials</i> , 2015, 53, 545-553.	5.7	49
57	Beta Hairpin Peptide Hydrogels as an Injectable Solid Vehicle for Neurotrophic Growth Factor Delivery. <i>Biomacromolecules</i> , 2015, 16, 2672-2683.	2.6	73
58	Rheology of peptide- and protein-based physical hydrogels: Are everyday measurements just scratching the surface?. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 34-68.	3.3	92
59	Design of self-assembling peptide hydrogelators amenable to bacterial expression. <i>Biomaterials</i> , 2015, 37, 62-72.	5.7	20
60	Engineering Complementary Hydrophobic Interactions to Control β -Hairpin Peptide Self-Assembly, Network Branching, and Hydrogel Properties. <i>Biomacromolecules</i> , 2014, 15, 3891-3900.	2.6	51
61	Injectable bioadhesive hydrogels with innate antibacterial properties. <i>Nature Communications</i> , 2014, 5, 4095.	5.8	276
62	The small molecule NSC676914A is cytotoxic and differentially affects NF κ B signaling in ovarian cancer cells and HEK293 cells. <i>Cancer Cell International</i> , 2014, 14, 75.	1.8	4
63	Antimicrobial hydrogels for the treatment of infection. <i>Biopolymers</i> , 2013, 100, 637-644.	1.2	178
64	Mechanism of Membrane Permeation Induced by Synthetic β -Hairpin Peptides. <i>Biophysical Journal</i> , 2013, 105, 2093-2103.	0.2	34
65	Anticancer Peptide SVS-1: Efficacy Precedes Membrane Neutralization. <i>Biochemistry</i> , 2012, 51, 6263-6265.	1.2	54
66	Injectable Solid Peptide Hydrogel as a Cell Carrier: Effects of Shear Flow on Hydrogels and Cell Payload. <i>Langmuir</i> , 2012, 28, 6076-6087.	1.6	127
67	Iterative design of peptide-based hydrogels and the effect of network electrostatics on primary chondrocyte behavior. <i>Biomaterials</i> , 2012, 33, 7478-7488.	5.7	43
68	A comparison of the ability of rilpivirine (TMC278) and selected analogues to inhibit clinically relevant HIV-1 reverse transcriptase mutants. <i>Retrovirology</i> , 2012, 9, 99.	0.9	29
69	Arginine-rich self-assembling peptides as potent antibacterial gels. <i>Biomaterials</i> , 2012, 33, 8907-8916.	5.7	199
70	Heavy metal ion hydrogelation of a self-assembling peptide/cysteiny l chelation. <i>Journal of Materials Chemistry</i> , 2012, 22, 1352-1357.	6.7	65
71	Anticancer β -Hairpin Peptides: Membrane-Induced Folding Triggers Activity. <i>Journal of the American Chemical Society</i> , 2012, 134, 6210-6217.	6.6	156
72	Evolution-Based Design of an Injectable Hydrogel. <i>Advanced Functional Materials</i> , 2012, 22, 529-537.	7.8	77

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73	Enhanced Stereoselectivity of a Cu(II) Complex Chiral Auxiliary in the Synthesis of Fmoc-L- ³ -carboxyglutamic Acid. <i>Journal of Organic Chemistry</i> , 2011, 76, 1513-1520.	1.7	17
74	Enhanced Mechanical Rigidity of Hydrogels Formed from Enantiomeric Peptide Assemblies. <i>Journal of the American Chemical Society</i> , 2011, 133, 14975-14977.	6.6	175
75	Zinc-Triggered Hydrogelation of a Self-Assembling β -Hairpin Peptide. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1577-1579.	7.2	120
76	Materials from peptide assembly: towards the treatment of cancer and transmittable disease. <i>Current Opinion in Chemical Biology</i> , 2011, 15, 427-434.	2.8	75
77	Encapsulation of curcumin in self-assembling peptide hydrogels as injectable drug delivery vehicles. <i>Biomaterials</i> , 2011, 32, 5906-5914.	5.7	418
78	Controlled biodegradation of Self-assembling β -hairpin Peptide hydrogels by proteolysis with matrix metalloproteinase-13. <i>Biomaterials</i> , 2011, 32, 6471-6477.	5.7	97
79	Domain swapping in materials design. <i>Biopolymers</i> , 2010, 94, 141-155.	1.2	36
80	Self assembled bi-functional peptide hydrogels with biomineralization-directing peptides. <i>Biomaterials</i> , 2010, 31, 7266-7274.	5.7	92
81	The effect of protein structure on their controlled release from an injectable peptide hydrogel. <i>Biomaterials</i> , 2010, 31, 9527-9534.	5.7	157
82	<i>De Novo</i> Design of a Shear-Thin Recoverable Peptide-Based Hydrogel Capable of Intrafibrillar Photopolymerization. <i>Macromolecules</i> , 2010, 43, 7924-7930.	2.2	53
83	Peptide-Silica Hybrid Networks: Biomimetic Control of Network Mechanical Behavior. <i>ACS Nano</i> , 2010, 4, 181-188.	7.3	69
84	Injectable solid hydrogel: mechanism of shear-thinning and immediate recovery of injectable β -hairpin peptide hydrogels. <i>Soft Matter</i> , 2010, 6, 5143.	1.2	298
85	Inherently Antibacterial Hydrogels: Altering Activity via Tryptophan/Arginine Interactions. <i>FASEB Journal</i> , 2010, 24, 521.3.	0.2	0
86	Design of an Injectable β -Hairpin Peptide Hydrogel That Kills Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Advanced Materials</i> , 2009, 21, 4120-4123.	11.1	156
87	Self-assembling materials for therapeutic delivery. <i>Acta Biomaterialia</i> , 2009, 5, 817-831.	4.1	416
88	Macromolecular diffusion and release from self-assembled β -hairpin peptide hydrogels. <i>Biomaterials</i> , 2009, 30, 1339-1347.	5.7	212
89	Folding, Self-Assembly, and Bulk Material Properties of a <i>De Novo</i> Designed Three-Stranded β -Sheet Hydrogel. <i>Biomacromolecules</i> , 2009, 10, 1295-1304.	2.6	82
90	Tuning the pH Responsiveness of β -Hairpin Peptide Folding, Self-Assembly, and Hydrogel Material Formation. <i>Biomacromolecules</i> , 2009, 10, 2619-2625.	2.6	161

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91	Dependence of Self-Assembled Peptide Hydrogel Network Structure on Local Fibril Nanostructure. <i>Macromolecules</i> , 2009, 42, 7137-7145.	2.2	87
92	Arsenic(III) Species Inhibit Oxidative Protein Folding <i>in Vitro</i> . <i>Biochemistry</i> , 2009, 48, 424-432.	1.2	82
93	Fast Dynamics of Semiflexible Chain Networks of Self-Assembled Peptides. <i>Biomacromolecules</i> , 2009, 10, 1374-1380.	2.6	72
94	Sequence-Dependent Gelation Kinetics of β^2 -Hairpin Peptide Hydrogels. <i>Macromolecules</i> , 2009, 42, 8443-8450.	2.2	54
95	Inherently Antibacterial Hydrogels: Altering Activity via Tryptophan/Arginine Interactions. <i>FASEB Journal</i> , 2009, 23, 863.14.	0.2	1
96	In vitro assessment of the pro-inflammatory potential of β^2 -hairpin peptide hydrogels. <i>Biomaterials</i> , 2008, 29, 4164-4169.	5.7	54
97	Laterally Spaced Linear Nanoparticle Arrays Templated by Laminated β^2 -Sheet Fibrils. <i>Advanced Materials</i> , 2008, 20, 447-451.	11.1	69
98	De Novo Design of Strand-Swapped β^2 -Hairpin Hydrogels. <i>Journal of the American Chemical Society</i> , 2008, 130, 4466-4474.	6.6	136
99	Correlations between structure, material properties and bioproperties in self-assembled β^2 -hairpin peptide hydrogels. <i>Faraday Discussions</i> , 2008, 139, 251.	1.6	115
100	Direct Observation of Early-Time Hydrogelation in β^2 -Hairpin Peptide Self-Assembly. <i>Macromolecules</i> , 2008, 41, 5763-5772.	2.2	83
101	Molecular Design of β^2 -Hairpin Peptides for Material Construction. <i>MRS Bulletin</i> , 2008, 33, 530-535.	1.7	64
102	Microrheology of Responsive Hydrogel Networks. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	4
103	Synthesis and Primary Characterization of Self-Assembled Peptide-Based Hydrogels. <i>Methods in Molecular Biology</i> , 2008, 474, 61-77.	0.4	36
104	Metal ²⁺ -triggered hydrogelation of self-assembling β^2 -hairpin peptides for bioremediation. <i>FASEB Journal</i> , 2008, 22, 1010.1.	0.2	0
105	Bulk Material Properties of Beta ² -Bulge Peptide Hydrogels For Tissue Engineering. <i>FASEB Journal</i> , 2008, 22, 1005.1.	0.2	0
106	Controlling hydrogelation kinetics by peptide design for three-dimensional encapsulation and injectable delivery of cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7791-7796.	3.3	604
107	Effects of As(III) Binding on β^2 -Hairpin Structure. <i>Journal of the American Chemical Society</i> , 2007, 129, 2981-2988.	6.6	41
108	Inherent Antibacterial Activity of a Peptide-Based β^2 -Hairpin Hydrogel. <i>Journal of the American Chemical Society</i> , 2007, 129, 14793-14799.	6.6	316

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109	Reversible Stiffening Transition in β -Hairpin Hydrogels Induced by Ion Complexation. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13901-13908.	1.2	37
110	Hydroxyapatite Surface-Induced Peptide Folding. <i>Journal of the American Chemical Society</i> , 2007, 129, 5281-5287.	6.6	73
111	Gelation Kinetics of β -Hairpin Peptide Hydrogel Networks. <i>Macromolecules</i> , 2006, 39, 6608-6614.	2.2	102
112	Hydrogels Constructed via β -Hairpin Peptide Self-Assembly. <i>ACS Symposium Series</i> , 2006, , 284-297.	0.5	2
113	Unnatural multidentate metal ligating β -amino acids. <i>Tetrahedron Letters</i> , 2006, 47, 6277-6280.	0.7	18
114	"Click" Chemistry in a Supramolecular Environment: β Stabilization of Organogels by Copper(I)-Catalyzed Azide-Alkyne [3 + 2] Cycloaddition. <i>Journal of the American Chemical Society</i> , 2006, 128, 6056-6057.	6.6	137
115	Probing the importance of lateral hydrophobic association in self-assembling peptide hydrogelators. <i>European Biophysics Journal</i> , 2006, 35, 162-169.	1.2	79
116	Cytocompatibility of self-assembled β -hairpin peptide hydrogel surfaces. <i>Biomaterials</i> , 2005, 26, 5177-5186.	5.7	266
117	Laminated Morphology of Nontwisting β -Sheet Fibrils Constructed via Peptide Self-Assembly. <i>Journal of the American Chemical Society</i> , 2005, 127, 16692-16700.	6.6	187
118	Light-Activated Hydrogel Formation via the Triggered Folding and Self-Assembly of a Designed Peptide. <i>Journal of the American Chemical Society</i> , 2005, 127, 17025-17029.	6.6	347
119	Semiflexible Chain Networks Formed via Self-Assembly of β -Hairpin Molecules. <i>Physical Review Letters</i> , 2004, 93, 268106.	2.9	109
120	Self-assembling peptides and proteins for nanotechnological applications. <i>Current Opinion in Structural Biology</i> , 2004, 14, 480-486.	2.6	435
121	Structure-based design of a fluorimetric redox active peptide probe. <i>Analytical Biochemistry</i> , 2004, 325, 144-150.	1.1	15
122	General method for facile intramolecular disulfide formation in synthetic peptides. <i>Analytical Biochemistry</i> , 2004, 335, 168-170.	1.1	17
123	De Novo Designed Peptidic Redox Potential Probe: β Linking Sensitized Emission to Disulfide Bond Formation. <i>Journal of the American Chemical Society</i> , 2004, 126, 13616-13617.	6.6	45
124	Salt-Triggered Peptide Folding and Consequent Self-Assembly into Hydrogels with Tunable Modulus. <i>Macromolecules</i> , 2004, 37, 7331-7337.	2.2	382
125	Design and Application of Basic Amino Acids Displaying Enhanced Hydrophobicity. <i>Journal of the American Chemical Society</i> , 2003, 125, 7907-7913.	6.6	41
126	Effects of As(III) Binding on β -Helical Structure. <i>Journal of the American Chemical Society</i> , 2003, 125, 2923-2929.	6.6	76

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127	Thermally Reversible Hydrogels via Intramolecular Folding and Consequent Self-Assembly of a de Novo Designed Peptide. <i>Journal of the American Chemical Society</i> , 2003, 125, 11802-11803.	6.6	433
128	Responsive Hydrogels from the Intramolecular Folding and Self-Assembly of a Designed Peptide. <i>Journal of the American Chemical Society</i> , 2002, 124, 15030-15037.	6.6	851
129	Conformational Uniqueness via Designed Ion Pairs. , 2001, , 438-439.		0
130	One-pot conversion of benzyl carbamates into fluorenylmethyl carbamates. <i>Tetrahedron Letters</i> , 2000, 41, 9953-9956.	0.7	15
131	Transition state heterogeneity in GCN4 coiled coil folding studied by using multisite mutations and crosslinking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 10699-10704.	3.3	108
132	De Novo Design of Antibacterial β -Peptides. <i>Journal of the American Chemical Society</i> , 1999, 121, 12200-12201.	6.6	358
133	Analysis and design of three-stranded coiled coils and three-helix bundles. <i>Folding & Design</i> , 1998, 3, R29-R40.	4.5	57
134	The Design of Efficient β -Helical C-Capping Auxiliaries. <i>Journal of the American Chemical Society</i> , 1998, 120, 2764-2767.	6.6	34
135	A Designed Buried Salt Bridge in a Heterodimeric Coiled Coil. <i>Journal of the American Chemical Society</i> , 1997, 119, 5742-5743.	6.6	72
136	Electrostatic Effects on Ion Selectivity and Rectification in Designed Ion Channel Peptides. <i>Journal of the American Chemical Society</i> , 1997, 119, 3212-3217.	6.6	81
137	Nucleated Antiparallel β -Sheet That Folds and Undergoes Self-Assembly: A Template Promoted Folding Strategy toward Controlled Molecular Architectures. <i>Macromolecules</i> , 1996, 29, 355-366.	2.2	63
138	Synthesis and Efficacy of Square Planar Copper Complexes Designed to Nucleate β -Sheet Structure. <i>Journal of the American Chemical Society</i> , 1995, 117, 2533-2546.	6.6	126
139	Templates That Induce α -Helical, β -Sheet, and Loop Conformations. <i>Chemical Reviews</i> , 1995, 95, 2169-2187.	23.0	360
140	A Convenient Synthesis of 6,6'-Diamino-2,2'-Bipyridine. <i>Synthetic Communications</i> , 1992, 22, 1033-1037.	1.1	7